

COMP 520 Compiler Design Final Report

Due: Sunday, April 15 11:59 PM

Overview:

This is the final submission for your project, and it allows us to evaluate the overall quality of your submission. There is no programming required for this part, however if there are lingering issues from earlier milestones, fixing them will increase the quality of your submission for our evaluation.

Final Compiler (30 points)

For the final compiler we will re-run all tests from previous milestones and evaluate the overall completion. All work throughout the semester fixing previous milestones will pay off greatly here!

Final Report (10 points)

The final report for the GoLite project allows you to summarize and showcase your project and what you have achieved. You should have the following sections in your report:

- **Introduction:** Overview of Go and GoLite, and the structure of your report
- **Language and Tool Choices:** Choices of implementation language/tool, and target language
- **Scanner, Parser, Weeder, Symbol Table, Typechecker, Code Generator:** Overview, major design decisions, testing
- **Conclusion:** Summary of your experience and any decisions you would change if you had the opportunity
- **Contributions:** Briefly describe the contributions of each group member to the overall project

Group Meeting (10 points)

The last section of your submission is a group meeting between your team, the TAs and instructor. After reading your final report we will discuss your project and the decisions made with your team. This will allow us to evaluate your contributions and the overall quality of your compiler.